

TORQUE CONVERTER

ABSTRACT OF THE DISCLOSURE

A torque converter housing includes an end cover that is secured to an impeller outer wall in a unique manner. The outward portions of the end cover extend in a radial direction but not in an axial direction. The end cover preferably does not extend axially beyond a plane of a clutch supported within the assembly. The impeller outer wall extends axially beyond the plane where it is secured to the end cover. The inventive arrangement changes the location of the connection between the impeller outer wall and the end cover, which enables the use of various other optional and advantageous features of the inventive arrangement. In one example, the impeller outer wall is welded to the end cover. In another example, a threaded connection secures the impeller outer wall to the end cover.